



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
SUPERFUND SITE STRATEGY RECOMMENDATION - REGION 06



860473

Site Name: Delfasco Forge

CERCLIS ID#: TXD988034328

Alias Site Name: NA

Address: 114 NE 28th Street

City/County or Parish/State/Zip: Grand Prairie/Dallas County/Texas/75050

Report Type: Preliminary Assessment

Date: November 3, 2008

Author: START - Dynamac Corp.

RECOMMENDATION:

<input type="checkbox"/> 1. No Further Remedial Action Planned Under Superfund (NFRAP)	<input checked="" type="checkbox"/> 2. Further Investigation Needed Under Superfund												
	<table><tr><td><input type="checkbox"/> PA</td><td><input type="checkbox"/> HRS</td><td>Priority: <input type="checkbox"/> High</td></tr><tr><td><input checked="" type="checkbox"/> SI</td><td><input type="checkbox"/> RI/FS</td><td><input type="checkbox"/> Low</td></tr><tr><td><input type="checkbox"/> ESI</td><td><input type="checkbox"/> RA</td><td></td></tr><tr><td><input type="checkbox"/> Other:</td><td colspan="2"></td></tr></table>	<input type="checkbox"/> PA	<input type="checkbox"/> HRS	Priority: <input type="checkbox"/> High	<input checked="" type="checkbox"/> SI	<input type="checkbox"/> RI/FS	<input type="checkbox"/> Low	<input type="checkbox"/> ESI	<input type="checkbox"/> RA		<input type="checkbox"/> Other:		
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<input checked="" type="checkbox"/> SI	<input type="checkbox"/> RI/FS	<input type="checkbox"/> Low											
<input type="checkbox"/> ESI	<input type="checkbox"/> RA												
<input type="checkbox"/> Other:													
To be performed by: <u>START - Dynamac Corp.</u>													
<input type="checkbox"/> 3. Action Deferred to: <input type="checkbox"/> RCRA <input type="checkbox"/> NRC													
<input type="checkbox"/> 4. Site Being Addressed Under the State Voluntary Cleanup Program (VCP): <input type="checkbox"/> Yes <input type="checkbox"/> No													

NOTIFY AUTHORITY:

<input type="checkbox"/> Removal	<input type="checkbox"/> RCRA	<input type="checkbox"/> TSCA	<input type="checkbox"/> CAA	<input type="checkbox"/> SMCRA
<input type="checkbox"/> Remedial	<input type="checkbox"/> State/Tribe	<input type="checkbox"/> NPDES	<input type="checkbox"/> NRC	<input type="checkbox"/> Resource Trustee: _____
<input type="checkbox"/> CERCLA	<input type="checkbox"/> Federal	<input type="checkbox"/> UIC	<input type="checkbox"/> SPCC	<input type="checkbox"/> Other: _____
Enforcement	Facility			

SEND SSSR COPIES TO: ☐ 6SF-AC ☐ 6WQ-SP ☐ ATSDR ☒ State Agency ☐ Tribal Agency

DISCUSSION:

The Delfasco Forge site is located at 114 NE 28th Street in Grand Prairie, Dallas County, Texas. The 1.10-acre property comprises lots 100A and 101A of the Burbank Garden Subdivision. The coordinates of the site are 32.7504 north latitude, 96.9631 west longitude. There are two buildings on the site. One building housed offices and the forge shop. The second building contained the machine shop. The majority of the remaining lot consists of asphalt or concrete parking areas. The site is fenced on all sides where buildings are not present. The area around the site consists of commercial and light industry to the south along Main Street, and residential to the north, east and west. Fannin Elementary School is located northwest of the site.

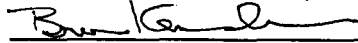
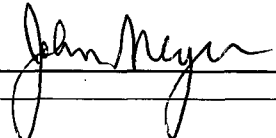
Delfasco Forge was listed as a RCRA Small Quantity Generator from 1991 until 2003. Soil and groundwater contamination was originally noted in September 2002 during a Phase II environmental property assessment regarding a property transaction. Delfasco Forge submitted an application to the Texas Commission on Environmental Quality (TCEQ) for entry into the Voluntary Cleanup Program (VCP) on March 4, 2003, noting the presence of contaminated groundwater at the facility. Investigations conducted at the site under the VCP identified a plume of contaminated groundwater originating at the facility. The plume of contaminated groundwater encompasses approximately 65 acres and extends to the northeast. The plume extends for approximately 2,650 feet, and is up to 1,100 feet wide at the widest point. On October 31, 2006, Delfasco applied for a Municipal Setting Designation (MSD) with the City of Grand Prairie. Contaminants of concern identified in the groundwater include trichloroethene (TCE), tetrachloroethene (PCE), 1,2-dichloroethene (1,2-DCE), and 1,1-dichloroethene (1,1-DCE). Concentrations of contaminants in the plume range from over 1.0 µg/L to 8,000 µg/L.

A release of contaminants to the alluvial aquifer has been documented at the Delfasco site. Surveys for groundwater use have identified 16 private, residential wells within 0.5 miles of the site and the resultant contaminate plume. Many of these wells are not registered with the State of Texas. These wells are generally completed in the alluvial aquifer. Three of the wells are located in the contaminant plume, however only one of the wells could be sampled. No residential well is used for drinking water, although some wells may be used for irrigation. All residences in the area are supplied with drinking water by the City of Grand Prairie.

There have been 208 properties been identified within the defined plume area, 189 of the properties being residential. The population per household for Grand Prairie, Dallas County, Texas is approximately 3.12 individuals per household, thus, there are approximately 590 individuals residing within the site area. Additional residences may exist within 200 feet of the plume. It is unlikely that the residents living within the plume from the Delfasco Forge site come directly into contact with the contaminated groundwater; as no active residential wells (used for drinking water) have been located within the plume. A vapor intrusion survey conducted in 2007 showed that residences within the plume were being impacted by the contaminated groundwater plume. No schools are located within the defined groundwater plume; however, Fannin Elementary School, which accepts pre-kindergarten through fifth grade school children, is located at 301 NE 28th St, northwest of the Delfasco Forge facility. Portions of the school may lie within 200 feet of projected area of the plume. The student enrollment for the 2007/2008 school year was 406.

Based on the information presented in the Preliminary Assessment report, it is recommended that a Site Inspection be performed at this site. The State will be provided a copy of this decision document.

APPROVALS:

Report Reviewed by:	<u>Bret Kendrick</u> (Site Assessment Manager)	Signature:	<u></u>	Date:	<u>12/05/08</u>
Disposition Approved by:	<u>John Meyer</u> (Section Chief 6SF-TR)	Signature:	<u></u>	Date:	<u>12/18/08</u>